

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. Cancelled.
2. Cancelled.
3. Cancelled.
4. Cancelled.
5. Cancelled.
6. Cancelled.
7. Cancelled.
8. Cancelled.
9. Cancelled.
10. (Currently Amended) A method ~~according to Claim 1 of~~ recycling waste carpeting and forming a new carpet containing the recycled waste carpeting comprising:
 - (a) collecting waste carpeting containing calcium carbonate and thermoplastic materials;
 - (b) processing the waste carpeting to provide a first material from the waste carpeting containing a first filler including the calcium carbonate and the thermoplastic materials and reducing the first material to a predetermined size in a range of 50-100 to

95-325 wherein the first number represents the percentage of the first material which will pass through a mesh screen having a mesh size corresponding to the second number;

(c) adding the first material to a second material to provide a composite material useful in the manufacture of the new carpet; and

(d) making the new carpet containing the composite material;

wherein step (c) is practiced to produce a latex carpet backcoating and step (d) includes making new carpeting with the latex carpet backcoating.

11. Cancelled.

12. Cancelled.

13. Cancelled.

14. Cancelled.

15. Cancelled.

16. Cancelled.

17. Cancelled.

18. Cancelled.

19. Cancelled.

20. (Currently Amended) A method according to ~~Claim 1~~ of recycling waste

carpeting and forming a new carpet containing the recycled waste carpeting comprising:

(a) collecting waste carpeting containing calcium carbonate and thermoplastic materials;

(b) processing the waste carpeting to provide a first material from the waste carpeting containing a first filler including the calcium carbonate and the thermoplastic materials and reducing the first material to a predetermined size in a range of 50-100 to 95-325 wherein the first number represents the percentage of the first material which will pass through a mesh screen having a mesh size corresponding to the second number;

(c) adding the first material to a second material to provide a composite material useful in the manufacture of the new carpet; and

(d) making the new carpet containing the composite material;
wherein step (c) is practiced to produce a carpet latex backcoating containing about 5-20% water, 20-40% latex and a second filler of up to 70% 0-70% calcium carbonate wherein the second filler comprises a predetermined percentage of the composite material, and step (d) includes making a new latex-backed carpet containing the composite material.